MANUFACTURERS MOTOR VEHICLE SPECIFICATIONS

METRIC (U.S. Customary)

1994

Manufacturer	Vehicle Line	
HONDA MOTOR CO., LTD.	HONDA CIVIC COUPE	
Mailing Address No. 1-1, 2 chome, Minami - Aoyama, Minato - ku, Tokyo, Japan	Issued September, 1993	Revised

Direct questions concerning these specifications to the manufacturer listed above.

The information contained herein is prepared, distributed by, and is solely the responsibility of the vehicle manufacturing company to whose products it relates. This suggested specification from was developed by the vehicle manufacturing companies under the auspices of the Motor Vehicle Manufacturers Association of the United States, Inc.

The General Specifications herein are those in effect at date of compilation and are subject to change without notice or incurring obligation by the manufacturer.

Motor Vehicle Manufacturers association
of the United States, Inc.

Forms Provided by Technical Affairs Division

MVMA Specifications

METRIC (U.S. Customary)

Table of Contents

Ø Indicates Format Change From Previous Year

NOTE :

1. This form uses both SI metric units and U.S. Customary unit. The metric unit of measure is presented first, and the U.S. Customary unit follows in parentheses.
2. UNLESS OTHERWISE INDICATED :
   a. Specifications apply to standard models without optional equipment. Significant deviations are noted.
   b. Nominal design dimensions are used throughout these specifications.
   c. All linear dimensions are in millimeters (inches), and all mass (weight) specifications are in kilograms (pounds).
3. The General Specifications herein are those in effect at date of compilation and are subject to change without notice or incurring obligation by the manufacturer.
4. Additional Vehicle Dimensions (based in part on SAE J1100 "Motor Vehicle Dimensions") may be available from the manufacturer.

MVMA Specifications

Vehicle Line HONDA CIVIC COUPE

Model Year 1994 Issued Sep. 1993 Revised (·)

METRIC (U.S. Customary)

Vehicle Origin

Design & development (company)	HONDA R&D
Where built (country)	U.S.A. / CANADA
Authorized U.S. sales marketing representative	AMERICAN HONDA MOTOR

Vehicle Models

Model Description & Drive (FWD / RWD / AWD / 4WD)*	Introduction Date	Make, Vehicle Models, Series, Body Type (Mfgr's Model Code) *3	No. of Designated Seating Positions (Front / Rear)	Max. Trunk / Cargo Load - Kilograms (Pounds)	EPA Fuel Economy (City/Hwy)
CIVIC 2 DOOR COUPE DX (FWD)	Sep. 1992	HONDA, CIVIC, DX 2 DOOR COUPE (5M/T:EJ212, 4A/T:EJ222)	5 (2 / 3)	45 (100)	(5 M/T) 34 / 40 (4 A/T) 29 / 36
CIVIC 2 DOOR COUPE EX (FWD)		HONDA, CIVIC, EX 2 DOOR COUPE (5M/T:EJ112, EJ113) (4A/T:EJ122, EJ123)			(5 M/T) 29 / 35 (4 A/T) 26 / 33

* FWD - Front Wheel Drive RWD - Rear Wheel Drive AWD - All Wheel Drive 4WD - Four Wheel Drive

MVMA Specifications

Vehicle Line HONDA CIVIC COUPE

Model Year 1994 Issued Sep. 1993 Revised (-)

METRIC (U.S. Customary)

Power Teams

SAE J 1349 Net bhp (brake horsepower) and Net Torque corrected to 77°F/25°C and 29.61 in.Hg/100 kPa atmospheric pressure.

			A	B	C	D
ENGINE	Engine code		D15B7	D15B7	D16Z6	D16Z6
	Displacement Liters (in³)		1.493 (91)	1.493 (91)	1.590 (97)	1.590 (97)
	Induction system (FI, Carb, etc.)		FI	FI	FI	FI
	Compression ratio		9.2	9.2	9.2	9.2
	SAE Net at RPM	Power kW (bhp)	76 (102) @5900	76 (102) @5900	93 (125) @6600	93 (125) @6600
		Torque N·m(lb.ft.)	133 (98) @5000	133 (98) @5000	144 (106) @5200	144 (106) @5200
	Exhaust single, dual		Single	Single	Dual	Dual
TRANS	Transmission / Transaxle		5M/T	4A/T	5M/T	4A/T
	Effective final Drive / Axle Ratio (std. first)		4.058	4.333	4.250	4.333

Series Availability		Power Teams (A - B - C - D)	
Model	Code	Standard	Optional
CIVIC 2 DOOR COUPE DX	EJ212	A (5M/T)	N.A.
CIVIC 2 DOOR COUPE DX	EJ222	B (4A/T)	N.A.
CIVIC 2 DOOR COUPE EX	EJ112 , EJ113	C (5M/T)	N.A.
CIVIC 2 DOOR COUPE EX	EJ122 , EJ123	D (4A/T)	N.A.

MVMA Specifications

Vehicle Line HONDA CIVIC COUPE

Model Year 1994 Issued Sep. 1993 Revised (-)

METRIC (U.S. Customary)

Engine Description / Engine Code		D15B7	D16Z6
Engine - General			
Type & description (inline, V, angle, flat, location, front, mid rear, transverse, longitudinal, sohc, dohc, ohv, hemi, wedge, pre-chamber, etc.)		Inline, Front, Transverse, SOHC	
Manufacturer		HONDA	
No. of cylinders		4	
Bore		75.0	
Stroke		84.5	90.0
Bore spacing (C/L to C/L)		84.0	
Cylinder block material & mass kg (lbs.) (machined)		*1, 15.6 (34.4)	*1, 16.7 (36.8)
Cylinder block deck height		207	212
Cylinder block length		408	
Deck clearance (minimum) (above or below block)		25 (Below block)	
Cylinder head material & mass kg (lbs.)		*1, 7.6 (16.8)	*1, 8.0 (17.6)
Cylinder head volume (cm^3)		38.0	34.6
Cylinder liner material		Cast iron alloy	
Head gasket thickness (compressed)		1.2	0.7
Minimum combustion chamber total volume (cm^3)		182.1	193.9
Cyl. no. system (front to rear)*	L. Bank	Left to right : 1-2-3-4	
	R. Bank	N.A.	
Firing order		1-3-4-2	
Intake manifold material & mass [kg (lbs.)]**		*1, 3.6 (7.9)	*1, 3.8 (8.4)
Exhaust manifold material & mass [kg (lbs.)]**		*2, 5.6 (12.3)	*2, 5.0 (11.0)
Knock sensor (number & location)		N.A.	
Fuel required unleaded, diesel, etc.		Unleaded	
Fuel antiknock index (R + M) ÷ 2		(91 + 81) / 2 = 86, not less than 86	
Engine mounts	Quantity	5	
	Material and type (elastomeric, hydroelastic, hydraulic, damper, etc.)	Rubber Elastomeric, Hydroelastic	
	Added isolation (sub - frame, crossmember, etc.)	Sub - frame, Crossmember	
Total dressed engine mass (wt) dry ***		99.4	107.9
Engine - Pistons			
Material & mass, g (weight, oz.) - piston only		Alluminum silicon alloy, 230 (8.1)	
Engine - Camshaft			
Location		Over Head Camshaft	
Material & mass kg (weight, lbs.)		*2, 2.4 (5.3)	*3, 1.9 (4.2)
Drive type	Chain / belt	Cogged belt	
	Width / pitch	24.0 / 9.53	

* Rear of engine - drive takeoff. View from drive takeoff end to determine left & right side of engine.

** Finished state.

*** Dressed engine mass (weight) includes the following: Throttle body, IN / EX manifold, ACG

*1. Aluminum silicon alloy *2. Cast iron alloy *3. Power metal and steel shaft composite

MVMA Specifications

Vehicle Line HONDA CIVIC COUPE

Model Year 1994 Issued Sep. 1993 Revised (·)

METRIC (U.S. Customary)

Engine Description / Engine Code		D15B7	D16Z6

Engine - Valve System

Hydraulic lifters (std., opt., n.a.)		N.A.	
Valves	Number intake / exhaust	8 / 8	
	Head O.D. intake / exhaust	29.0 / 25.0	30.0 / 26.0

Engine - Connecting Rods

Material & mass [kg.,(weight, lbs.)]*	Forged iron, 0.36 (0.80)	Forged iron, 0.41 (0.90)
Length (axes C/L to C/L) mm	134	137

Engine - Crankshaft

Material & mass [kg.,(weight, lbs.)]*		Cast iron, 11.5 (25.4)	Cast iron, 13.8 (30.4)
End thrust taken by beaning (no.)		2	
Length & number of main bearings		20, 5	
Seal (material, one, two piece design, etc.)	Front Left	Fluoric rubber, one piece	
	Rear Right	Fluoric rubber, one piece	

Engine - Lubrication System

Normal oil pressure [kPa(psi) at engine rpm]	245 ~ 589 (35.5 ~ 85.4) at 2000
Type oil intake (floating, stationary)	Staitionary
Oil filter system (full flow, part, other)	Full flow
Capacity of c / case, less filter - refill - L (qt.)	3.3 (3.5)

Engine - Diesel Information

Diesel engine manufacturer		N.A.
Glow plug, current drain at 0°F		
Injector nozzle	Type	
	Opening pressure [kPa(psi)]	
Pre-chamber design		
Fuel injection pump	Manufacturer	
	Type	
Fuel injection pump drive (belt, chain, gear)		
Supplementary vacuum source (type)		
Fuel heater (yes / no)		
Water separator, description (std., opt.)		
Turbo manufacturer		
Oil cooler - type (oil to engine coolant ; oil to ambient air)		
Oil filter		

Engine - Intake System

Turbo charger - manufacturer	N.A.
Super charger - manufacturer	
Intercooler	

* Finished State

MVMA Specifications

Vehicle Line HONDA CIVIC COUPE

Model Year 1994 Issued Sep. 1993 Revised (·)

METRIC (U.S. Customary)

Engine Description / Engine Code		D15B7	D16Z6
Engine - Cooling System			
Coolant recovery system (std., opt., n.a.)		Std.	
Coolant fill location (rad., bottle)		Rad.	
Radiator cap relief valve pressure [kPa (psi)]		108 ± 14.7 (15.6 ± 2.1)	
Circulation thermostat	Type (choke, bypass)	Bypass	
	Starts to open at °C (°F)	78 (172)	
Water pump	Type (centrifugal, other)	Centrifugal	
	GPM 1000 pump rpm	5.3 at 1000 rpm	
	Number of pumps	1	
	Drive (V - belt, other)	Cogged belt	
	Bearing type	Ball bearing	
	Impeller material	Steel	
	Housing material	Aluminum alloy	
By-pass recirculation [type (inter., ext.)]		External	
Cooling system capacity	With heater - L(qt.)	M/T : 4.5 (4.7) A/T : 4.4 (4.6)	M/T : 4.5 (4.7) A/T : 4.7 (4.9)
	With air conditioner - L(qt.)	N.A.	
	Opt. equipment [specify - L(qt.)]	N.A.	
Water jackets full length of cyl. (yes, no)		Yes	
Water all around cylinder (yes, no)		Yes	
Water jackets open at head face (yes, no)		Yes	
Radiator core	Std., A/C, HD	Std.	
	Type (cross - flow, etc.)	Down flow	
	Construction (fin & tube mechanical, braze, etc.)	Vertical, Fin & Tube	
	Material, mass [kg (wgt., lbs.)]	Brass , M/T : 2.3 (5.1) A/T : 2.0 (4.4)	Brass , M/T : 2.0 (4.4) A/T : 2.3 (5.1)
	Width	350	
	Height	350	
	Thickness	16	27
	Fins per inch	M/T : 10 A/T : 11	M/T : 11 A/T : 10
Radiator end tank material		Nylon	
Fan	Std., elec., opt.	Std. Elec.	
	Number of blades & type (flex, solid, material)	4 , Solid , Polypropylene	
	Number & location (front , rear of radiator)	1 , Rear of radiator	
	Diameter & projected width	300 , 40.5	
	Ratio (fan to crankshaft rev.)	N.A	
	Fan cutout type	N.A	
	Drive type (direct, remote)	direct	
	RPM at idle (elec.)	more than 2300	
	Motor rating (wattage) (elec.)	80	
	Motor switch (type & location) (elec.)	Thermo Switch	
	Switch point (temp., pressure) (elec.)	93 ± 2°C	
	Fan shroud (material)	Polypropylene	

MVMA Specifications

Vehicle Line HONDA CIVIC COUPE

Model Year 1994 Issued Sep. 1993 Revised (·)

METRIC (U.S. Customary)

Engine Description / Engine Code	D15B7	D16Z6

ENGINE - Fuel System

(See supplemental page for detailes of Fuel Injection, Supercharger, Turbocharger, etc. if used)

Induction type : carburetor, fuel injection system, etc.		Fuel injection system
Manufacturer		HONDA MOTOR
Carburetor no. of barrels		N.A
Idle A/F mix.		Approx. 14.7
Fuel injection	Point of injection (no.)	Intake port (4)
	Constant, pulse, flow	Sequential flow
	Control (electronic, mech.)	Electronic
	System pressure [kPa (psi)]	294 (42.7)
Idle spd. - rpm (spec. neutral or drive and propane if used)	Manual	670 (Neutral)
	Automatic	700 (Neutral)
Intake manifold heat control (exhaust or water thermostatic or fixed)		Water , fixed
Air cleaner type		Paper element
Fuel filter (type/location)		Paper element / Behind engine
Fuel pump	Type (elec. or mech.)	Electric
	Location (eng., tank)	In fuel tank
	Pressure range [kPa (psi)]	441 ~ 637 (64 ~ 92.4)
	Flow rate at regulated pressure [L (gal) / hr @ kPa (psi)]	MIN 80 (21.1) @ 294 (42.7)

Fuel Tank

Capacity [refill L (gallons)]		45 (11.9)
Location (describe)		Rear under floor
Attachment		Fuel tank band
Material & Mass [kg (weight lbs.)]		Steel , 10.9 (24.0)
Filler pipe	Location & material	LH side rear quarter panel , carbon steel
	Connection to tank	Flexible connecting tube
Fuel line (material)		Steel pipe
Fuel hose (material)		Fluoric rubber
Return line (material)		Steel pipe
Vapor line (material)		Steel pipe
Extended range tank	Opt., n.a.	N.A.
	Capacity [L (gallons)]	
	Location & material	
	Attachment	
Auxiliary tank	Opt., n.a.	N.A.
	Capacity [L (gallons)]	
	Location & material	
	Attachment	
	Selector switch or valve	
	Separate fill	

MVMA Specifications

Vehicle Line HONDA CIVIC COUPE

Model Year 1994 Issued Sep. 1993 Revised (-)

METRIC (U.S. Customary)

Engine Description / Engine Code	D15B7	D16Z6

Vehicle Emission Control

Exhaust Emission Control	Type (air injection, engine modification, other)		CAT
	Air Injection	Pump or pulse	N.A.
		Driven by	N.A.
		Air distribution (head, manifold, etc.)	N.A.
		Point of entry	N.A.
	Exhaust Gas Recirculation	Type (controlled flow, open orifice, other)	N.A.
		Exhaust source Point of exhaust injection (spacer, carburetor, manifold, other)	N.A.
	Catalytic Converter	Type	Feedback Three way catalyst
		Number of	1
		Location(s)	under floor
		Volume [L (in³)]	Confidential
		Substrate type	Confidential
		Noble metal type	Confidential
		Noble metal concentration (g / cm³)	Confidential
Crankcace Emission Control	Type (ventilates to atmosphere, induction system, other)		Induction system (PCV)
	Energy source (manifold vacuum, carburetor, other)		Manifold vacuum
	Discharges (to intake manifold, other)		To intake manifold
	Air inlet (breather cap, other)		Air intake pipe
Evapora - tive Emission Control	Vapor vented to (crankcase, canister, other)	Fuel tank	Canister
		Carburetor	N.A
	Vapor storage provision		Canister
Electronic system	Closed loop (yes / no)		Yes
	Open loop (yes / no)		No

Engine - Exhaust System

		Single	Dual
Type (single, single with cross - over, dual, other)			
Muffler no. & type (reverse flow, straight thru, separate resonator) Material & Mass [kg (weight lbs)]		SG - 504 , Reverse flow *1 , 8.0 (17.6)	SG-505 , Reverse flow *1 , 8.0 (17.6)
Resonator no. & type		N.A.	
Exhaust pipe	Branch o.d., wall thickness	N.A.	
	Main o.d., wall thickness	50.8 , 1.5	
	Material & Mass [kg (weight lbs)]	*1 , 2.4 (5.3)	*1 , 5.4 (11.9)
Inter- mediate pipe	Main o.d., wall thickness	45.0 , 1.6	48.6 , 1.6
	Material & Mass [kg (weight lbs)]	*1 , 7.3 (16.1)	*1 , 8.1 (17.8)
Tail pipe	Main o.d., wall thickness	38.1 , 1.2	48.6 , 1.2
	Material & Mass [kg (weight lbs)]	*1 , 2.0 (4.4)	*1 , 1.6 (3.5)

*1 Stainless steel

MVMA Specifications

Vehicle Line HONDA CIVIC COUPE

Model Year 1994 Issued Sep. 1993 Revised (-)

METRIC (U.S. Customary)

Engine Description / Engine Code	D15B7	D16Z6

Transmissions / Transaxle (Std., Opt., N.A.)

Manual 3 - speed (manufacturer / country)	N.A
Manual 4 - speed (manufacturer / country)	N.A
Manual 5 - speed (manufacturer / country)	HONDA / U. S. A
Automatic (manufacturer / country)	N.A
Automatic overdrive (manufacturer / country)	HONDA / U. S. A

Manual Transmission / Transaxle

Number of forward speeds		5	
Gear ratios	1st	3.250	3.250
	2nd	1.761	1.900
	3rd	1.172	1.250
	4th	0.909	0.909
	5th	0.702	0.702
	Reverse	3.153	3.153
Synchronous meshing (specify gears)		All foward gears	
Shift lever location		Floor	
Trans. case mat'l. & mass kg (lbs.)*		Aluminum silicon alloy	
Lubricant	Capacity [L (pt.)]	1.9 (4.0)	
	Type recommended	API SF or SG, SAE 10w-30 or 10w-40	

Clutch (Manual Transmission)

Clutch manufacturer		F.C.C.
Clutch type (dry, wet; single, multiple disc)		Dry, Single
Linkage (hydraulic, cable, rod, lever, other)		hydraulic
Max. pedal effort (nom.spring load, new) N (lbs)	Depressed	91.2 (20.5)
	Released	53.9 (12.1)
Assist (spring, power / percent, nominal)		Spring, 1.5 ± 0.3 kgf
Type pressure plate springs		Diaphragm
Total spring load (nominal, new) N (lbs)		3972 (892.9)
Clutch facing	Facing mfgr. & material coding	F.C.C.
	Facing material & construction	Woven glasswool
	Rivets per facing	16
	Outside x inside dia. (nominal)	212 x 150
	Total eff. area [cm^2($in.^2$)]	176 (27.3)
	Thickness (pressure plate side / fly wheel side)	3.5
	Rivet depth (pressure plate side / fly wheel side)	1.3
	Engagement cushion method	Disk plate spring
Release bearing type & method lub.		Ball bearing
Torsional damping method, springs, hysteresis		Springs

* Includes shift linkage, lubricant, and clutch housing. If other specify.

MVMA Specifications

Vehicle Line HONDA CIVIC COUPE

Model Year 1994 Issued Sep. 1993 Revised (·)

METRIC (U.S. Customary)

Engine Description / Engine Code	D15B7	D16Z6

Automatic Transmission / Transaxle

Trade Name		Automatic	
Type and special features (describe)		4 speed Automatic transmission with lock-up clutch	
Shift mechanics		Hydraulic, Mechanical	
Gear selector	Location (column, floor, other)	Floor	
	Ltr./No. designation (e.g. PRND21)	P-R-N-D4-D3-2-1 / 7	
	Shift interlock (yes, no, describe)	Yes	
Gear ratios	1st	2.600	2.600
	2nd	1.468	1.468
	3rd	0.975	0.975
	4th	0.673	0.638
	5th	N.A.	N.A
	Reverse	1.954	1.954
	Final drive ratio	4.333	4.333
Max. upshift vehicle speed - drive range [km/h (mph)]		1-2 52(32), 2-3 97(60), 3-4 154(96)	1-2 61(38), 2-3 111(69), 3-4 162(101)
Max. upshift engine speed RPM		5550 / 5850 / 6190	6480 / 6670 / 6530
Max. kickdown speed - drive range [km/h (mph)]		4-3 132(82), 3-2 90(56), 2-1 45(28)	4-3 141(88), 3-2 99(62), 2-1 43(27)
Max. kickdown engine speed RPM		3630 / 3620 / 2710	3710 / 4010 / 2580
Min. overdrive speed [km/h (mph)]		30 (19)	
Torque converter	Type	3 elements - 1 stage	
	Tours design	Axial flow	
	Number of elements	3	
	Max. ratio at stall	2.7	2.6
	Type of cooling (air, liquid)	Air and Liquid	
	Nominal diameter	245 (9.65)	
	Capacity factor "K"*	Not specified	
Lubricant	Capacity [refill L (pt.)]	5.9 (6.2)	
	Type recommended	DEXRON II	
Pump type		Outer gear pump (Involute gear design)	
Oil cooler (std., opt., N.A., internal, external, air, liquid)		Std., External, Liquid	
Transmission mass [kg (lbs)] & case material **		Aluminum silicon alloy	

All Wheel / 4 Wheel Drive

Description & type (part-time, full-time, 2/4 shift while moving, mechanical, elect., chain/gear, etc.)		N.A.
Transfer case	Manufacturer and model	
	Type and location	
Low-range gear ratio		
System disconnect (describe)		
Center differential	Type (bevel, planetary, w or w/o viscous bias, torsen, etc.)	
	Torque split (% front / rear)	

* Input speed ÷ $\sqrt{\text{torque}}$

** Dry weight including torque converter. If other, specify.

MVMA Specifications

Vehicle Line HONDA CIVIC COUPE

Model Year 1994 Issued Sep. 1993 Revised (-)

METRIC (U.S. Customary)

Engine Description	COUPE			
Engine Code	D15B7		D16Z6	
	5M/T	4A/T	5M/T	4A/T

Axle Ratio and Tooth Combinations (See 'Power Teams' for axle ratio usage)

Effective final drive ratio (or overall top gear ratio)			4.058	4.333	4.250	4.333
Transfer ratio and method (chain, gear, etc.)			N.A.			
Front drive unit	Ring gear o.d.		187.0	180.0	190.4	180.0
	No. of teeth	Pinion	18	15	16	15
		Ring gear	70	65	68	65

Front Drive Unit

Description (integral to trans., etc.)		Helical gear
Limited slip differential (type)		N.A.
Drive pinion	Type	Straight bevel gear
	Offset	0
No. of differential pinions		2
Pinion / differential	Adjustment (shim, etc.)	Shim
	Bearing adjustment	Shim
Driving wheel bearing (type)		Ball bearing
Lubricant	Capacity [L (pt.)]	Common in transmission lubricant
	Type recommended	Lubricated by transmission oil

Axle Shafts - Front Wheel Drive

Manufacturer and number used			HONDA MOTOR, 2			
Type (straight, solid bar, tubular, etc.)		Left	Straight, Solid bar			
		Right	Straight, Solid bar			
Outer diam. x length* x wall thickness	Manual transaxle	Left	25 x 723.4	N.A.	25 x 723.4	N.A.
		Right	25 x 450.9	N.A.	25 x 450.9	N.A.
	Automatic transaxle	Left	N.A.	25 x 723.4	N.A.	25 x 723.4
		Right	N.A.	25 x 450.9	N.A.	25 x 450.9
	Optional transaxle	Left	N.A.			
		Right	N.A.			
Slip yoke	Type		Inner : Tripod joint slide type Outer : Birfield double offset joint - slide type			
	Number of teeth		N.A.			
	Spline o.d.		N.A.			
Universal joints	Make and mfg. no.	Inner	NTN TOYO BEARING			
		Outer	NTN TOYO BEARING			
	Number used		Inner : 2 Outer : 2			
	Type, size, plunge	Inner	Constant velocity joint			
		Outer	Constant velocity joint			
	Attach (u-bolt, clamp, etc.)		C - clip			
	Bearing	Type (plain, anti - friction)	Ball bearing, Anti - friction			
		Lubrication (fitting, prepack)	Prepack			
Drive taken through (torque tube, arms or springs)			N.A.			
Torque taken through (torque tube, arms or springs)			N.A.			

* Centerline to centerline of universal joints, or to centerline of attachment.
(Front Wheel Drive)

MVMA Specifications

Vehicle Line HONDA CIVIC COUPE
Model Year 1994 Issued Sep. 1993 Revised (-)

METRIC (U.S.Customary

Model Code / Description And / Or Engine Code / Description	COUPE	
	DX	EX

Suspension - General Including Electronic Controls

Car leveling	Standard / optional / not avail.		N.A.	
	Manual / automatic control			
	Type (air / hydraulic)			
	Primary / assist spring			
	Rear only / 4 wheel leveling			
	Single / dual rate spring			
	Single / dual ride heights			
	Provision for jacking			
Shock absorber damping controls	Standard / option / not avail		N.A.	
	Manual / automatic control			
	Number of damping rates			
	Type of actuation (manual / electric motor / air, etc.)			
	Sensors	Lateral acceleration		
		Deceleration		
		Acceleration		
		Road surface		
Shock absorber (front & rear)	Type		Telescopic , Front : Hydraulic Rear : Nitrogen gas - filled	
	Make		SHOWA	
	Piston diameter		Front : 30	Rear : 30
	Rod diameter		Front : 12.5	Rear : 12.5

Suspension - Front

Type and description		Independent , Double wishbone with coil spring	
Travel	Full jounce (define load condition)	67.8	
	Full rebound	57.9	
Spring	Type (coil, leaf, other & material)	Coil , Spring steel	
	Insulators (type & material)	Mounting , Rubber	
	Size (Leaf : length & width ; Coil : design height & i.d. ; Bar : length & diameter)	See Note (1)	
	Spring rate [N / mm (lb. / in.)]	M/T : 31.1(177.6) A/T : 31.4 (179.3)	31.4 (179.3)
	Rate at wheel [N / mm (lb. / in.)]	14.5 (82.7)	
Stabilizer	Type (link, linkless, frameless)	N.A.	Link
	Material & O.D. bar / tube, wall thickness	N.A.	Spring steel 21

Suspension - Rear

Type and description		Independent , Double wishbone with coil spring	
Travel	Full jounce (define load condition)	96.4	
	Full rebound	53.7	
Spring	Type (coil, leaf, other & material)	Coil , Spring steel	
	Size (Leaf : length & width ; Coil : design height & i.d. ; Bar : length & diameter)	See Note (2)	
	Spring rate [N / mm (lb. / in.)]	17.2 (98.2)	18.7 (106.8)
	Rate at wheel [N / mm (lb. / in.)]	10.8 (61.6)	11.4 (65.1)
	Insulators (type & material)	Mounting , Rubber	
	No. of leaves	N.A.	
	Shackle (comp. or tens.)	N.A.	
Stabilizer	Type (link, linkless, frameless)	N.A.	
	Material & O.D. bar / tube, wall thickness	N.A.	
Track bar (type)		N.A.	

Note (1)	Note (2)
379.5x 58.0~73.6 for DX M/T 384.5x 58.0~73.0 for EX M/T 389.0x 58.0~73.0 for DX A/T , EX A/T(EJ125) 394.0 x 58.0~73.0 for EX A/T(EJ126)	363.5x 64.9~79.5 for DX 363.7x 64.5~79.1 for EX

MVMA Specifications

Vehicle Line HONDA CIVIC COUPE
Model Year 1994 Issued Sep. 1993 Revised (-)

METRIC (U.S. Customary)

Model Code / Description And / Or Engine Code / Description	COUPE	
	DX	EX

Brakes - Service

Description				Split service brake	
Manufacturer and brake type (std., opt., n.a.)	Front (disc or drum)			AMBRAKE, Disc	NISSIN, Disk
	Rear (disc or drum)			NISSIN, Drum	
Valving type (proportion, delay, metering, other)				Proportion	
Power brake (std., opt., n.a.)				Power Assisted Brake (Standard)	
Booster type (remote, integral, vac., hyd., etc.)				Vac.	
Vacuum	Source (inline, pump, etc.)			Inline	
	Reservoir (volume in.³)			N.A.	
	Pump - type (elec, gear driven, belt driven)			N.A.	
Traction assist	Operational speed range			N.A.	
	Type (engine or brake intervention)				
Anti - lock device	Front / rear (std., opt., n.a.)			N.A.	
	Manufacturer				
	Type (electronic, mech.)				
	Number sensors or circuits				
	Number anti - lock hydraulic circuits				
	Integral or add - on system				
	Yaw control (yes, no)				
	Hydraulic power source (elec., vac, mfr., pwr. strg.)				
Effective area [cm² (in.²)]*(F / R)				170.9 (26.5) / M/T 200.8 (31.1) A/T 268.8 (41.7)	194.0 (30.1) / 268.8 (41.7)
Gross Lining area [cm² (in.²)]**(F / R)				176.4 (27.3) / M/T 200.8 (31.1) A/T 268.8 (41.7)	200.0 (31.0) / 268.8 (41.7)
Swept area [cm² (in.²)]***(F / R)				1105.9 (171.4) / M/T 763.4 (118.3) A/T 1099.5 (170.4)	1261.5 (195.5) / 1099.5 (170.4)
Rotor	Outer working diameter		F / R	240 / N.A.	262 / N.A.
	Inner working diameter		F / R	144 / N.A.	160 / N.A.
	Thickness		F / R	21 / N.A.	21 / N.A.
	Material & type (vented / solid)		F / R	Cast iron, Vented / N.A.	Cast iron, Vented / N.A.
Drum	Diameter & width		F / R	N.A. / M/T 180 A/T 200	N.A. / 200
	Type and material		F / R	N.A. / Solid, Cast iron	N.A. / Solid, Cast iron
Wheel cylinder bore				F : 50.8 R : 19.1	F : 54.0 R : 19.1
Master cylinder	Bore / stroke		F / R	20.6 / 30.0	22.2 / 30.0
Pedal arc ratio				4.05	
Line pressure at 445N (100 lb.) pedal load [kPa (psi)]			F / R	12660 (1836) / M/T 6744 (978), A/T 5758 (835)	12708 (1843) / 5758 (835)
Lining clearance			F / R	Self adjusting / Self adjusting	
Brake lining	Front Wheel	Bonded or riveted (rivets / seg.)		Bonded	
		Rivet size		N.A.	
		Manufacturer		AKEBONO	NISSIN
		Lining code *****		NS162H FF	M9226FE
		Material		Resin Mold	
		****	Primary or out - board	115.7 × 46.3 × 9	116.1 × 50.1 × 10
		Size	Secondary or in - board	115.7 × 46.3 × 9	116.1 × 50.1 × 10
		Shoe thickness (no lining)		6	6.5
	Rear Wheel	Bonded or riveted (rivets / seg.)		Bonded	
		Manufacturer		NISSIN	
		Lining code *****		NBK D9071FF	
		Material		Resin Mold	
		****	Primary or out - board	M/T : 167.2 × 30 × 4.5 A/T : 191.9 × 35 × 4.5	191.9 × 35 × 4.5
		Size	Secondary or in - board	M/T : 167.2 × 30 × 4.5 A/T : 191.9 × 35 × 4.5	191.9 × 35 × 4.5
		Shoe thickness (no lining)		M/T : 1.6 A/T : 2.0	2.0

* Excludes rivet holes, grooves, chamfers, etc. ** Includes rivet holes, grooves, chamfers, etc.
*** Total swept area for four brakes. (Drum brake: Widest lining contact width for each brake x its contact circumference.)
(Disk brake: Square of Outer Working Dia. minus Square of inner Working Dia. multiplied by Pi / 2 for each brake.)
**** Size for drum brakes includes length x width x thickness.
***** Manufacturer I.D., catalog for formulation designation and coefficient of friction classification.

MVMA Specifications

Vehicle Line HONDA CIVIC COUPE
Model Year 1994 Issued Sep. 1993 Revised (-)

METRIC (U.S. Customary)

Model Code / Description And / Or Engine Code / Description	COUPE
	EX with ABS

Brakes - Service

Description				Split service brake
Manufacturer and brake type (std., opt., n.a.)	Front (disc or drum)			AMBRAKE , Disc / NISSIN , Disk
	Rear (disc or drum)			NISSIN , Drum
Valving type (proportion, delay, metering, other)				Proportion
Power brake (std., opt., n.a.)				Power Assisted Brake (Standard)
Booster type (remote, integral, vac., hyd., etc.)				Vac.
Vacuum	Source (inline, pump, etc.)			Inline
	Reservoir (volume in.³)			N.A.
	Pump - type (elec, gear driven, belt driven)			N.A.
Traction assist	Operational speed range			N.A.
	Type (engine or brake intervention)			
Anti - lock device	Front / rear (std., opt., n.a.)			N.A.
	Manufacturer			
	Type (electronic, mech.)			
	Number sensors or circuits			
	Number anti - lock hydraulic circuits			
	Integral or add - on system			
	Yaw control (yes, no)			
	Hydraulic power source (elec., vac, mfr.,pwr. strg.)			
Effective area [cm² (in.²)]*(F / R)				200 (31.0) / 84 (13.0)
Gross Lining area [cm² (in.²)]**(F / R)				224 (34.7) / 84 (13.0)
Swept area [cm² (in.²)]***(F / R)				1320 (204.6) / 804 (124.6)
Rotor	Outer working diameter		F / R	262 / 239
	Inner working diameter		F / R	160 / 174
	Thickness		F / R	21 / 9
	Material & type (vented / solid)		F / R	Cast iron , Vented / Cast iron , Solid
Drum	Diameter & width		F / R	N.A.
	Type and material		F / R	N.A.
Wheel cylinder bore				F : 57.2 R : 30.23
Master cylinder	Bore / stroke		F / R	23.8 / 30
Pedal arc ratio				4.05
Line pressure at 445N (100 lb.) pedal load [kPa (psi)]			F / R	12708 (1843) / 5758 (835)
Lining clearance			F / R	Self adjusting / Self adjusting
Brake lining	Front Wheel	Bonded or riveted (rivets / seg.)		Bonded
		Rivet size		N.A.
		Manufacturer		NISSIN
		Lining code *****		NS175HEF
		Material		Resin Mold
		****	Primary or out - board	117 x 49.8 x 10
		Size	Secondary or in - board	117 x 49.8 x 10
		Shoe thickness (no lining)		6.5
	Rear Wheel	Bonded or riveted (rivets / seg.)		Bonded
		Manufacturer		NISSIN
		Lining code *****		NBK D6215FF
		Material		Resin Mold
		****	Primary or out - board	71 x 31 x 7.5
		Size	Secondary or in - board	71 x 31 x 7.5
		Shoe thickness (no lining)		5.5

* Excludes rivet holes, grooves, chamfers, etc.
** Includes rivet holes, grooves, chamfers, etc.
*** Total swept area for four brakes. (Drum brake: Widest lining contact width for each brake x its contact circumference.)
(Disk brake: Square of Outer Working Dia. minus Square of inner Working Dia. multiplied by Pi / 2 for each brake.)
**** Size for drum brakes includes length x width x thickness.
***** Manufacturer I.D., catalog for formulation designation and coefficient of friction classification.

MVMA Specifications

Vehicle Line HONDA CIVIC COUPE
Model Year 1994 Issued Sep. 1993 Revised (-)

METRIC (U.S. Customary)

Model Code / Description And / Or Engine Code / Description	COUPE	
	DX	EX

Tires And Wheels (Standard)

Tires	Size (service description)		P175/70R13 82S	P185/60R14 82H
	Type (bias, radial, steel, nylon, etc.)		Radial	
	Inflation pressure (cold) for recommended max. vehicle load	Front [kPa (psi)]	220 (32)	200 (29)
		Rear [[kPa (psi)]	220 (32)	200 (29)
	Rev. / mile - at 70 km/h (45 mph)		890	887
Wheels	Type & material		Disk , Steel	
	Rim (size & flange type)		13 x 5J	14 x 5J
	Wheel offset		45	
	Attachment	Type (bolt or stud & nut)	Stud	
		Circle diameter	100	
		Number & size	4 , M12 x 1.5P	
Spare	Tire and wheel		T105/80D13 , 13 x 4T	T105/70D14 ,14 x 4T T135/70D15,15 x 4T (with ABS)
	Storage position & location (describe)		On cargo floor	

Tires And Wheels (Optional)

Tire size (service description)	—	
Type (bias, radial, steel, nylon, etc.)	—	
Wheel (type & material)	Aluminium	
Rim (size, flange type and offset)	13 x 5J (45)	14 x 5 1/2 JJ (45)
Tire size (service description)	—	
Type (bias, radial, steel, nylon, etc.)	—	
Wheel (type & material)	—	
Rim (size, flange type and offset)	—	
Tire size (service description)	—	
Type (bias, radial, steel, nylon, etc.)	—	
Wheel (type & material)	—	
Rim (size, flange type and offset)	—	
Tire size (service description)	—	
Type (bias, radial, steel, nylon, etc.)	—	
Wheel (type & material)	—	
Rim (size, flange type and offset)	—	
Spare tire and wheel size (if configuration is different than road tire or wheel, describe optional spare tire and / or wheel location & storage position)	—	

Brakes - Parking

Type of control		Hand operated lever
Location of control		Between front seats
Operates on		Rear Wheels
If separate from service brakes	Type (internal or external)	N.A.
	Drum diameter	
	Lining size (length x width x thickness)	

MVMA Specifications

Vehicle Line HONDA CIVIC COUPE

Model Year 1994 Issued Sep. 1993 Revised (-)

METRIC (U.S. Customary)

Model Code / Description And / Or Engine Code / Description	COUPE	
	DX	EX

Steering

Manual (std., opt., n.a.)				M/T : Std.	N.A.
Power (std., opt., n.a.)				A/T : Std.	Std.
Speed-sensitive (std., opt., n.a.)				N.A.	
4-wheel steering (std., opt., n.a.)				N.A.	
Adjustable steering wheel / column (tilt, telescope, other)		Type		Tilt	
		Manufacturer		HONDA	
		(std., opt., n.a.)		Std.	
Wheel diameter** (W9) SAE J1100		Manual		M/T : 380	N.A.
		Power		A/T : 380	380
Turning diameter m (ft.)	Outside front	Wall to wall (l. & r.)		10.7 (35.1)	
		Curb to curb (l. & r.)		10.0 (32.8)	
	Inside rear	Wall to wall (l. & r.)		5.3 (17.4)	
		Curb to curb (l. & r.)		5.5 (18.0)	
Scrub Radius *					
Manual	Gear	Type		M/T : Rack & Pinion	N.A.
		Manufacturer		M/T : YAMADA	
		Ratios	Gear	M/T : ∞	
			Overall	M/T : 19.03	
	No. wheel turns (stop to stop)			3.88	
Power	Type (coaxial, ele., hyd., etc.)			A/T : Coaxial	Coaxial
	Manufacturer			A/T : SEIKI GIKEN	SEIKI GIKEN
	Gear	Type		A/T : Rack & Pinion	Rack & Pinion
		Ratios	Gear	A/T : ∞	∞
			Overall	A/T : 17.54	17.54
	Pump (drive)			A/T : V belt	V belt
	No. wheel turns (stop to stop)			A/T : 3.58	3.58
Linkage	Type			Lateral tie-rod	
	Location (front or rear of wheels, other)			Rear of front wheel	
	Tie rods (one or two)			Two	
Steering axis	Inclination at camber (deg.)			Camber : 0° King pin : 10°41'	
	Bearings (type)	Upper		Ball joint	
		Lower		Ball joint	
		Thrust		N.A.	
Steering spindle / knuckle & joint type				Ball joint	

* The horizontal distance in the front elevation between wheel centerline and kingpin (ball joint) axis at ground.

** See Page 23.

MVMA Specifications

Vehicle Line HONDA CIVIC COUPE

Model Year 1994 Issued Sep. 1993 Revised (-)

METRIC (U.S. Customary)

Model Code / Description And / Or Engine Code / Description			COUPE	
			DX	EX
Wheel Alignment				
Front wheel at curb mass (wt.)	Service checking	Caster (deg.)	1°10' ± 1°	
		Camber (deg.)	0° ± 1°	
		Toe - in outside track - mm (in.)	0 ± 2 (0 ± 0.08)	
	Service reset*	Caster (deg.)	Pre - set	
		Camber (deg.)	Pre - set	
		Toe - in - mm (in.)	Adjustable	
	Periodic M.V. inspection	Caster (deg.)	Same as service checking	
		Camber (deg.)	Same as service checking	
		Toe - in- mm (in.)	Same as service checking	
Rear wheel at curb mass (wt.)	Service checking	Camber (deg.)	-0°20' ± 1°	
		Toe - in outside track - mm (in.)	$2\,^{+2}_{-1}$ $(0.08\,^{+0.08}_{-0.04})$	
	Service reset*	Camber (deg.)	Pre - set	
		Toe - in- mm (in.)	Same as service checking	
	Periodic M.V. inspection	Camber (deg.)	Same as service checking	
		Toe - in- mm (in.)	Same as service checking	

* Indicates pre - set, adjustable, trend set or other.

Electrical - Instruments and Equipment

Speedometer	Type (analog, digital, std., opt.)		Analog
	Trip odometer (std., opt., n.a.)		Std.
Head-up display	Standard, optional, not available		N.A.
	Type	Secondary, opto-electronic	
	Speedometer	Digital	
	Status/warning indicators	Turn signals, high beam, low fuel,check gauges	
	Brightness control	Day / night mode, adjustable	
EGR maintenance indicator			N.A.
Charge indicator	Type		Voltage regulator
	Warning device (light, audible)		Light
Temperature indicator	Type		Electric thermal gauge
	Warning device (light, audible)		N.A.
Oil pressure indicator	Type		Electric pressure switch
	Warning device (light, audible)		Light
Fuel indicator	Type		Electric gauge
	Warning device (light, audible)		N.A.
Windshield wiper	Type (standard)		Electric 2 speed with intermittent
	Type (optional)		N.A.
	Blade length		Driver side : 550 Assist side : 450
	Swept area [cm² (in.²)]		7033 (1090)
Windshield washer	Type (standard)		Electric motor
	Type (optional)		N.A.
	Fluid level indicator (light, audible)		N.A.
Rear window wiper, wiper / washer (std., opt., n.a.)			N.A.
Horn	Type		Electric Vibrator
	Number used		1
Other			—

MVMA Specifications

Vehicle Line HONDA CIVIC COUPE

Model Year 1994 Issued Sep. 1993 Revised (-)

METRIC (U.S. Customary)

Engine Code / Description	D15B7	D16Z6

Electrical - Supply System

Battery	Manufacturer	DELCO REMY, JOHNSON CONTROLS	
	Model, std., (opt.)	55B24L (S) - MF	
	Voltage	12	
	Amps at 0°F cold crank	410	
	Minutes - reserve capacity	70	
	Amps / hrs. - 20 hr. rate	47	
	Location	Right side in engine compartment	
Alternator	Manufacturer	MELMAC	NIPPON DENSO
	Rating (idle / max. rpm)	12V - 60A	
	Ratio (alt. crank / rev.)	2.6	
	Output at idle (rpm, park)	Min. 40A	
	Optional (type & rating)	N.A.	
Regulator	Type	IC regulator	

Electrical - Starting System

Motor	Manufacturer	NIPPON DENSO, MITSUBA, HITACHI	
	Current drain _____ °F	—	
	Power rating [kw (hp)]	1.0 - 1.4 (1.4 - 1.9)	
Motor drive	Engagement type	Magnetic	
	Pinion engages from (front, rear)	Right side	

Electrical - Ignition System

Type	Electronic (std., opt., n.a.)	Std.			
	Other (specify)	N.A.			
Coil	Manufacturer	WEASTEC		TOYO DENSO	
	Model	TC - 08A			
	Current — Engine stopped - A	0			
	Current — Engine idling - A	—			
Spark plug	Manufacturer	NGK	NIPPON DENSO	NGK	NIPPON DENSO
	Model	ZFR5F-11	KJ16CR-L11	ZFR5J-11	KJ16CR-L11
	Thread (mm)	14			
	Tightening torque [N·m (lb, ft)]	18 (13)			
	Gap	1.1 $^{+0}_{-0.1}$			
	Number per cylinder	1			
Distributor	Manufacturer	WEASTEC			
	Model	TD - 41U		TD - 42U	

Electrical - Suppression

Locations & type	N.A.

MVMA Specifications

Vehicle Line HONDA CIVIC COUPE

Model Year 1994 Issued Sep. 1993 Revised (-)

METRIC (U.S. Customary)

Model Code / Description	COUPE

Body

Structure	Monocoque construction
Bumper system front - rear	Impact absobing Fascia (Polypropylene) Energy absorber (Forming PP) Reinforcement (High strength steel sheet)
Anti - corrosion treatment	Surface trested steel sheet Cathodic ED paint Rush preventive wax injection Chipping primer, PVC under body coating

Body - Miscellaneous Information

Type of finish (lacquer, enamel, other)			Acrylic baking
Hood	Material & mass		Iron - zinc alloy coated steel , 13.0
	Hinge location (front, rear)		Rear
	Type (counterbalance, prop)		Prop
	Release control (internal, external)		Internal
Trunk lid	Material & mass		Iron - zinc alloy coated steel , 8.1
	Type (counterbalance, other)		Torsion bar
	Internal release control (elec., mech., n.a.)		Mech.
hatchback lid	Material & mass		N.A.
	Type (counterbalance, other)		
	Internal release control (elec., mech., n.a.)		
Tailgate	Material & mass		N.A.
	Type (drop, lift, door)		
	Internal release control (elec., mech., n.a.)		
Vent window control (crank, friction, pivot, power)		Front	N.A.
		Rear	
Window regulator type (cable, tape, flex drive, etc.)		Front	Flex
		Rear	Cable
Seat cushion type (e.g., 60/40 bucket, bench, wire, foam, etc.)		Front	Bucket, Panel frame, Foam
		Rear	Bench, Wire frame, Foam
		3rd seat	N.A.
Seat back type (e.g., 60/40 bucket, bench, wire, foam, etc.)		Front	Bucket, Panel frame + spring, Foam
		Rear	Bench, Tube / Panel frame, Foam
		3rd seat	N.A.

Frame

Type and description (separate frame, unitized frame, partially-unitized frame)	Unitized frame

MVMA Specifications

Vehicle Line HONDA CIVIC COUPE

Model Year 1994 Issued Sep. 1993 Revised (-)

METRIC (U.S. Customary)

Model Code / Description	COUPE

Restraint System

Seating Position			Left	Center	Right
Active	Type & description (lap & shoulder belt, lap belt, etc.) Standard / optional	First seat	Lap & Shoulder belt Std.	N.A.	Lap & Shoulder belt Std.
		Second seat	Lap & Shoulder belt Std.	Lap belt	Lap & Shoulder belt Std.
		Third seat	N.A.	N.A.	N.A.
Passive	Type & description (air bag, motorized - 2 - point belt, fixed belt, knee bolster, manual - lap belt) Standard / optional	First seat	Air bag & Knee bolster Std.	N.A.	Air bag & Knee bolster Std.
		Second seat	N.A.	N.A.	N.A.
		Third seat	N.A.	N.A.	N.A.

Glass	SAE Ref. No.	
Windshield glass exposed surface area [cm² (in.²)]	S1	9256 (1435) *1
Side glass exposed surface are [cm²(in.²)] - total 2 - sides	S2	100051 (15508) *1
Backlight glass exposed surface area [cm² (in.²)]	S3	8270 (1282) *1
Total glass exposed surface area [cm² (in.²)]	S4	27577 (4274) *1
Windshield glass (type / thickness)		Laminated safety glass / 4.7
Side glass (type / thickness)		Tempered reinforced glass / 3.5
Backlight glass (type / thickness)		Tempered reinforced glass / 3.5
Tinted (yes / no , location)		Yes , All grasses
Solar control (yes / no , coated / batched , location)		No

*1 Daylight opening area

Headlamps

Description - sealed beam, halogen, replaceable bulb, etc.	Halogen , Replaceable bulb
Shape	Trapezoid (Aerodynamic design)
Lo - beam type (2A1, 2B1, 2C1, etc.)	HB2
Quantity	2
Hi - beam type (1A1, 2A1, 1C1, 2C1, etc.)	HB2
Quantity	2

MVMA Specifications

Vehicle Line HONDA CIVIC COUPE

Model Year 1994 Issued Sep. 1993 Revised (-)

METRIC (U.S. Customary)

Engine Code / Description	COUPE	
	DX	EX

Climate Control System

Air condition (std., opt., man., auto.)		Opt., Manual
Condenser	Type	Multi - Flow
	Eff. face area (sq. mm.)	109000
	Fins per inch	12
Evaporator	Type	Serpentine
	Eff. face area (sq. mm.)	49000
	Fins per inch	7
Heater core	Material	Tube, Tank : Brass Fin : Copper Frame : Steel
	Eff. face area (sq. mm.)	24300
	Fins per inch	25
Compressor	Type	Recipro
	Displacement (cc.)	150
	Manufacturer	SANDEN
	A/C pulley ratio	1.47
Accumulator	Type	N.A.
	Height (mm.)	
	Diameter (mm.)	
Receiver	Type	—
	Height (mm.)	165
	Diameter (mm.)	60
Refrigerant control (CCOT, TVS, etc.)		—
Heater water valve (yes / no)		Yes
Refrigerant (R - 12, R - 134a, etc.)		HFC-134a (R - 134a)
Charge level (lbs. - oz.)		500 ~ 550g (17.6 ~ 19.4 oz)
Cold engine lockout switch (yes / no)		—
Wide open throttle cutout switch (yes / no)		—

MVMA Specifications

Vehicle Line HONDA CIVIC COUPE

Model Year 1994 Issued Sep. 1993 Revised (·)

METRIC (U.S. Customary)

Model Code / Description	COUPE	
	DX	EX

Convenience Equipment (standard, optional, n.a.)

Clock (digital, analog)		Opt. (Digital)	Std. (Digital)
Compass / thermometer		N.A.	
Console (floor, overhead)		Std. (Floor)	
Defroster, ele. windshield		N.A.	
Defroster, elec. backlight		Std.	
Electronic	Diagnostic monitor (integrated, individual)	N.A.	
	Instrument cluster (list instruments)		
	Keyless entry		
	Tripminder (avg. spd., fuel)		
	Voice alert (list items)		
	Other		
Fuel door lock (remote, key, electric)		Std. (Remote)	
Lamps	Auto head on / off delay, dimming	N.A.	
	Cornering	N.A.	
	Courtesy (map, reading)	N.A.	
	Door lock, ignition	N.A.	
	Engine compartment	N.A.	
	Fog (Front)	Opt.	
	Glove compartment	N.A.	
	Trunk	N.A.	Std.
	Illuminated entry system (list lamps, activation)	N.A.	
	Other	N.A.	
Mirrors	Day / night (auto, man.)	Std. (Man.)	
	L.H. (remote, power, heated)	Std. (Remote)	Std. (Remote , Power)
	R.H. (convex, remote, power, heated)	Opt. (Remote ,Convex)	Std. (Power , Convex)
	Visor vanity (RH / LH, illuminated)	N.A.	Std.(RH & LH)
Navigation system (describe)		N.A.	
Parking brake - auto release (warning light)		N.A.	

MVMA Specifications

Vehicle Line HONDA CIVIC COUPE

Model Year 1994 Issued Sep. 1993 Revised (-)

METRIC (U.S. Customary)

Model Code / Description	COUPE	
	DX	EX

Convenience Equipment (standard, optional, n.a.)

Power equipment	Deck lid (release, pull down)		N.A.	
	Door locks (manual, automatic, describe system)		N.A.	Std. Manual
	Seats	2 - 4 - 6 way, etc.	N.A.	
		Reclining (R.H., L.H.)	N.A.	
		Memory (R.H., L.H., present, recline)	N.A.	
		Lumbar, hip, thigh, support	N.A.	
		Heated (R.H., L.H., other)	N.A.	
	Side windows		N.A.	Std.
	Vent windows		N.A.	
	Rear windows		N.A.	
Radio systems	Antenna (location, whip, w / shield, power)		Opt.	Std.
			(Front L.H. corner top of roof, Whip, Manual)	
	Standard	AM, FM, stereo, tape, compact disc, graphic equalizer, theft deterrent, radio prep package, headphone jacks, etc.	N.A.	AM / FM, Stereo, Tape Theft deterrent
	Optional		AM / FM, Stereo, Tape, Compact disc, Graphic equalizer Theft deterrent	
	Speaker (number, location)		Opt. (2, 4 or 6)	Std. (6)
			(2, 4, Front side door & 2, Rear shelf)	
Roof : open air of fixed (flip - up, sliding, "T")			N.A.	Std. (Sliding)
Speed control device			N.A.	Std.
Speed warning device (light, buzzer, etc)			N.A.	
Tachometer (rpm)			N.A.	Std.
Telephone system (describe)			N.A.	
Theft deterrent system			Std. (Steering lock etc.)	

Trailer Towing

Towing capable	Yes / No	No
Engine / transmission / axle	Std / Opt	
Tow class (I,II,III)*	Std / Opt	
Max. gross trailer wgt. (lbs.)	Std / Opt	
Max. trailer tongue load (lbs.)	Std / Opt	
Towing package available	Yes / No	

*Class I - 2,000 lbs. Class II - 3,500 lbs. Class III - 5,000 lbs.

MVMA Specifications

Vehicle Line HONDA CIVIC COUPE

Model Year 1994 Issued Sep. 1993 Revised (·)

METRIC (U.S. Customary)
Vehicle Dimensions See Key Sheets for definitions

All dimensions to ground are for comparative purposes only. Dimensions are to be shown for all base body models of each vehicle line.

SAE Ref. no. refers to the definition published in SAE Recommended Practice J1100 "Motor Vehicle Dimensions," unless otherwise specified.

Model Code / Description	SAE Ref. No.	COUPE
		DX, EX
Width		
Tread (front)	W101	1475
Tread (rear)	W102	1465
Vehicle width	W103	1700
Body width at SgRP (front)	W117	1690
Vehicle width (front doors open)	W120	3730
Vehicle width (rear doors open)	W121	N.A.
Tumble - home (deg.)	W122	27°28'
Outside mirror width	W410	1923
Length		
Wheelbase	L101	2622
Vehicle length	L103	4390
Overhang (front)	L104	807
Overhang (rear)	L105	961
Upper structure length	L123	2744
Rear wheel C/L "X" coordinate	L127	2622
Height*		
Passenger distribution (front / rear)	PD1,2,3	2/3
Trunk / cargo load		45
Vehicle height	H101	1294
Cowl point to ground	H114	845
Deck point to ground	H138	964
Rocker panel - front to ground	H112	145
Rocker panel - rear to ground	H111	123
Windshield slope angle	H122	62°12'
Backlight slope angle	H121	70°07'
Ground Clearance*		
Front bumper to ground	H102	146
Rear bumper to ground	H104	234
Bumper to ground [front at curb mass (wt.)]	H103	159
Bumper to ground [rear at curb mass (wt.)]	H105	309
Angle of approach (degrees)	H106	11°57'
Angle of departure (degrees)	H107	12°16'
Ramp breakover angle (degrees)	H147	16°22'
Axle differential to ground (front / rear)	H153	—
Min. running ground clearance	H156	110
Location of min. run. grd.clear.		Exhaust Silencer

* All vehicle height and ground clearances are measured at the Manufacturer's Design Load Weight.
Manufacturers Design Load Weight is defined with indicated passenger distribution and trunk / cargo load, unless otherwise specified.

All linear dimensions are in millimeters (inches) unless otherwise noted.

MVMA Specifications

Vehicle Line HONDA CIVIC COUPE
Model Year 1994 Issued Sep. 1993 Revised (-)

METRIC (U.S. Customary)
Vehicle Dimensions

See Key Sheets for definitions

Model Code / Description	SAE Ref. No.	COUPE	
		DX	EX
Front Compartment			
SgRP front, "X" coordinate	L31	1417	
Effective head room	H61	981	966
Max. eff. leg room (accelerator)	L34	1080	
SgRP to heel point	H30	215	
SgRP to heel point	L53	871	
Back angle	L40	25°	
Hip angle	L42	94°	
Knee angle	L44	126°	
Foot angle	L46	92°	
Design H - point front travel	L17	239	
Normal driving & riding seat track trvl.	L23	239	
Shoulder room	W3	1356	
Hip room	W5	1266	
Upper body opening to ground	H50	1253	
Steering wheel maximum diameter *	W9	380	
Steering wheel angle	H18	23°45'	
Accel. heel pt. to steer. whl. cntr	L11	433	
Accel. heel pt. to steer. whl. cntr	H17	595	
Underpressed floor covering thickness	H67	14	
Rear Compartment			
SgRP point couple distance	L50	745	
Effective head room	H63	891	
Min. effective leg room	L51	744	
SgRP (second to heel)	H31	251	
Knee clearance	L48	-64	
Shoulder room	W4	1324	
Hip room	W6	1162	
Upper body opening to ground	H51	1259	1288
Back angle	L41	28°	
Hip angle	L43	83°	
Knee angle	L45	72°	
Foot angle	L47	109°	
Depressed floor covering thickness	H73	20	
Luggage Compartment			
Usable luggage capacity [L (cu. ft.)]	V1	334	
Liftover height	H195	597	
Interior Volumes (EPA Classification)			
Vehicle class		Sub compact	
Interior volume index (cu. ft.)**		92.7	
Trunk / cargo index (cu. ft.)		11.8	

* See page 14.
** See definition page 33.
All linear dimensions are in millimeters (inches) unless otherwise noted.

MVMA Specifications

Vehicle Line HONDA CIVIC COUPE
Model Year 1994 Issued Sep. 1993 Revised (-)

METRIC (U.S. Customary)

Vehicle Dimensions

See Key Sheets for definitions

Model Code / Description	SAE Ref. No.	COUPE	
		DX	EX
Station Wagon / MPV*- Third Seat			
Seat facing direction	SD1	N.A.	
SgRP couple distance	L85		
Shoulder room	W85		
Hip room	W86		
Effective leg room	L86		
Effective head room	H86		
SgRP to heel point	H87		
Knee clearance	L87		
Back angle	L88		
Hip angle	L89		
Knee angle	L90		
Foot angle	L91		
Station Wagon / MPV*- Cargo Space			
Cargo length (open front)	L200	N.A.	
Cargo length (open second)	L201		
Cargo length (closed front)	L202		
Cargo length (closed second)	L203		
Cargo length at belt (front)	L204		
Cargo length at belt (second)	L205		
Cargo width (wheelhouse)	W201		
Rear opening width at floor	W203		
Opening width at bell	W204		
Min. rear opening width above belt	W205		
Cargo height	H201		
Rear opening height	H202		
Tailgate to ground height	H250		
Front seat back to load floor height	H197		
Cargo volume index [m³ (ft.³)]	V2		
Hidden cargo volume index [m³ (ft.³)]	V4		
Cargo volume index - rear of 2 - seat	V10		
Cargo volume index*	V6		
Cargo width at floor*	W500		
Maximum cargo height*	H505		
Hatchback - Cargo Space			
Cargo length at front seatback height	L208	N.A.	
Cargo length at floor (front)	L209		
Cargo length at second seatback height	L210		
Cargo length at floor (second)	L211		
Front seatback to load floor height	H197		
Second seatback to load floor height	H198		
Cargo volume index [m³ (ft.³)]	V3		
Hidden cargo volume index [m³ (ft.³)]	V4		
Cargo volume index - rear of 2 - seat	V11		

All linear dimensions are in millimeters (inches) unless otherwise noted.
*MPV - Multipurpose Vehicle

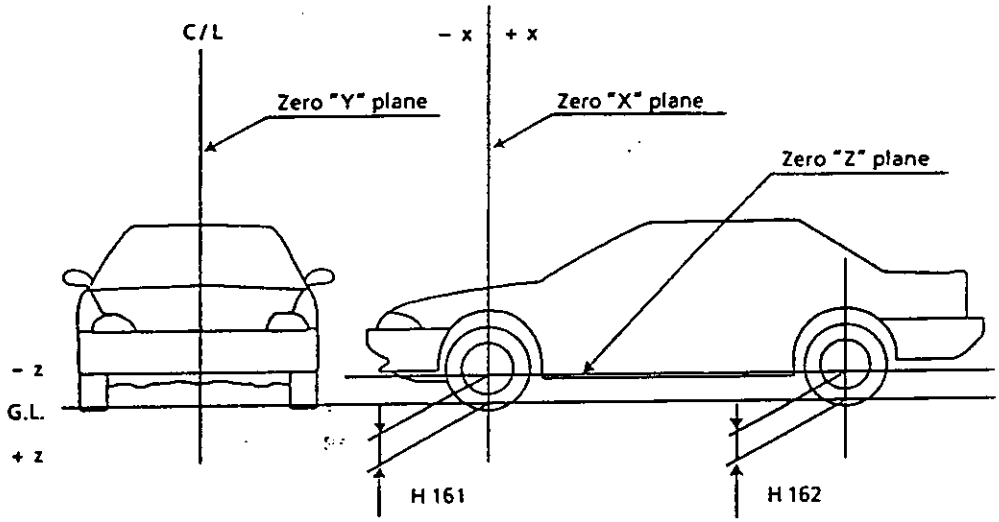
MVMA Specifications

Vehicle Line HONDA CIVIC COUPE
Model Year 1994 Issued Sep. 1993 Revised (-)

METRIC (U.S. Customary)

Model Code / Description	COUPE

Vehicle Fiducial Marks

Fiducial Mark Number*	Define Coordinate Location
Front (1) Front (2) Rear (1) Rear (2) Note: Provide 3 of 4 Fiducial Mark Locations	

Front	W21**	—
	L54**	—
	H81**	—
	H161**	210
	H163**	—

Rear	W22**	—
	L55**	—
	H82**	—
	H162**	225
	H164**	—

* Reference - SAE Recommended Practice, J182a, Motor Vehicle Fiducial Marks.
** Reference - SAE Recommended Practice J1100 - Motor Vehicle Dimensions.
All linear dimensions are in millimeters (inshes) unless otherwise noted.

MVMA Specifications

Vehicle Line HONDA CIVIC COUPE
Model Year 1994 Issued Sep. 1993 Revised (-)

METRIC (U.S. Customary)

		Vehicle Mass (weight)						% PASS MASS DISTRIBUTION			
		CURB MASS, kg. (lb.)*			SHIPPING MASS kg(lb)***	ETWC** Code		Pass in Front		Pass in Rear	
Code	Model	Front	Rear	Total		Without Air Con	With Air Con	Front	Rear	Front	Rear
EJ212	CIVIC 2 DOOR COUPE DX	611 (1347)	401 (884)	1012 (2231)	984 (2168)	M	N	50	50	17	83
EJ222	CIVIC 2 DOOR COUPE DX	656 (1446)	399 (880)	1055 (2326)	1027 (2263)	N	N	50	50	17	83
EJ112	CIVIC 2 DOOR COUPE EX	667 (1470)	424 (935)	1091 (2405)	1063 (2342)	O	O	50	50	17	83
EJ122	CIVIC 2 DOOR COUPE EX	699 (1541)	426 (939)	1125 (2480)	1097 (2417)	O	O	50	50	17	83
EJ113	CIVIC 2 DOOR COUPE EX	680 (1499)	428 (944)	1108 (2443)	1080 (2380)	O	O	50	50	17	83
EJ123	CIVIC 2 DOOR COUPE EX	709 (1563)	426 (939)	1135 (2502)	1107 (2439)	O	P	50	50	17	83

* Reference - SAE J1100 Motor vehicle dimensions,curb weight definition. This curb mass is without air conditioner.

** ETWC - Equivalent Test Weight Class - basis for U.S. Environmental Protection Agency emission certifications. Refer to ETWC code legend below for test weight class.

ETWC LEGEND

A	= 1000	I	= 2000	Q	= 3000	Y	= 4000
B	= 1125	J	= 2125	R	= 3125	Z	= 4250
C	= 1250	K	= 2250	S	= 3250	AA	= 4500
D	= 1375	L	= 2375	T	= 3375	BB	= 4750
E	= 1500	M	= 2500	U	= 3500	CC	= 5000
F	= 1625	N	= 2625	V	= 3625	DD	= 5250
G	= 1750	O	= 2750	W	= 3750	EE	= 5500
H	= 1875	P	= 2875	X	= 3875	FF	= 5750

***Shipping Mass (weight) = Curb Weight Less:

28 (63)

MVMA Specifications

Vehicle Line HONDA CIVIC COUPE
Model Year 1994 Issued Sep. 1993 Revised (·)

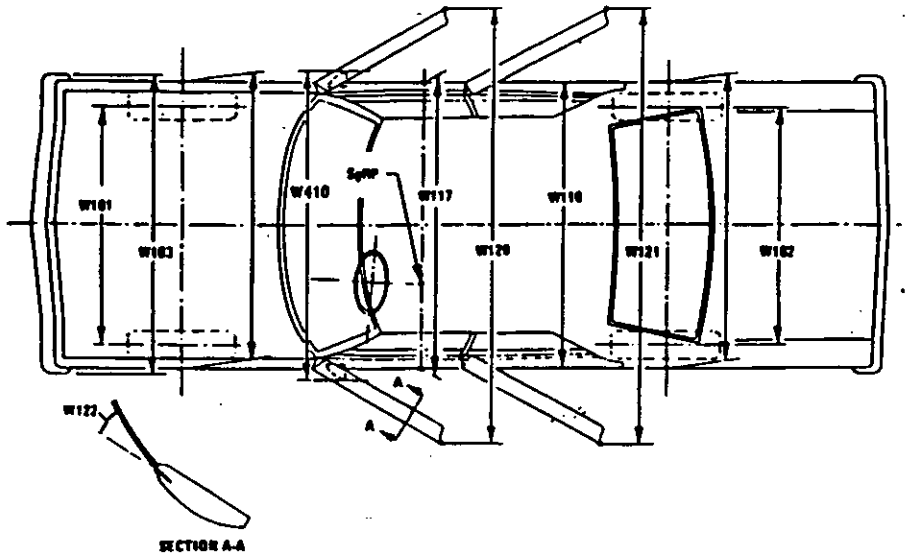
METRIC (U.S. Customary)

		Optional Equipment Differential Mass (weight)*			
		MASS, kg. (lb.)			Remarks Restrictions, Requirements
Code	Equipment	Front	Rear	Total	
All code	Air Conditioner	20 (44.1)	-2 (-4.4)	18 (39.7)	
Except EJ112, EJ122 EJ113, EJ123	Radio System kit	2.6 (5.7)	0.5 (1.1)	3.1 (6.8)	
All code	Trunk spoiler	0 (0)	2.5 (5.5)	2.5 (5.5)	

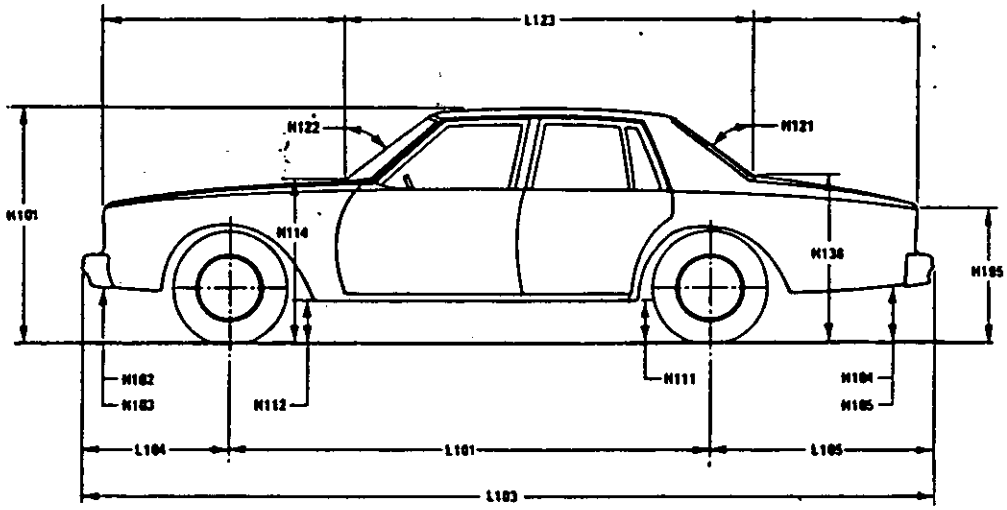
* Also see Engine - General Section for dressed engine mass (weight).

Exterior Vehicle And Body Dimensions – Key Sheet

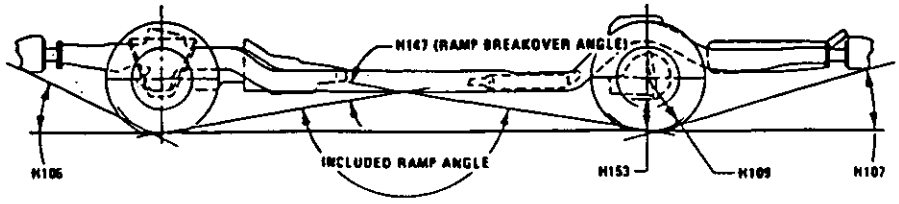
Exterior Width



Exterior Length & Height



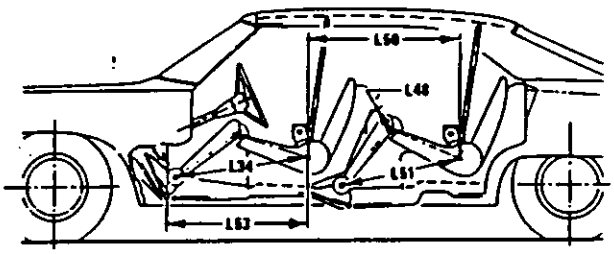
Exterior Ground Clearance

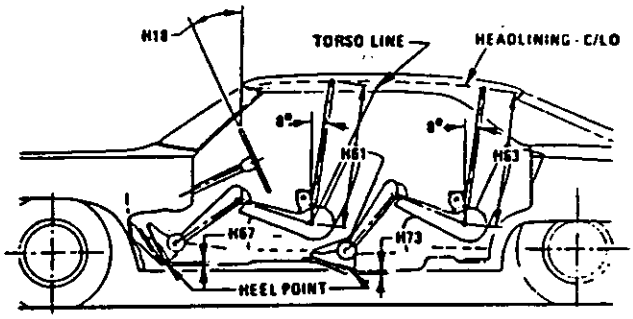


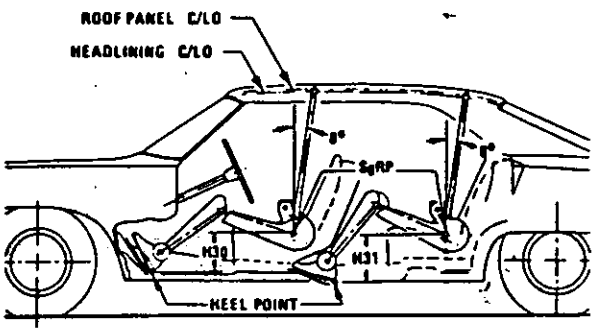
MVMA Specifications Form

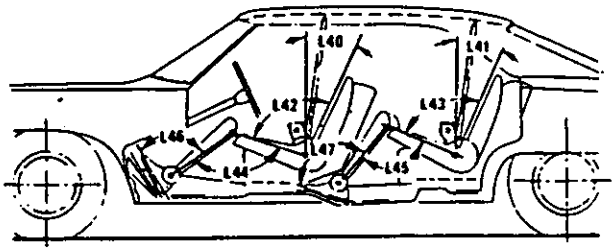
METRIC (U.S. Customary)

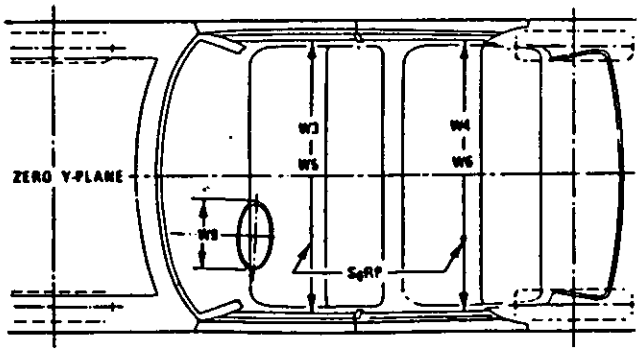
Interior Vehicle And Body Dimensions – Key Sheet

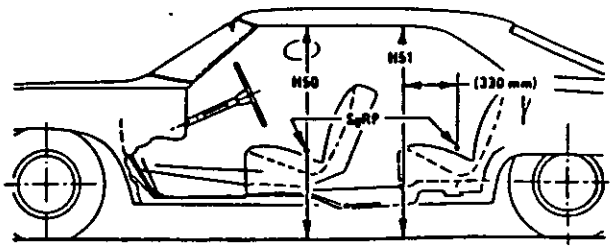




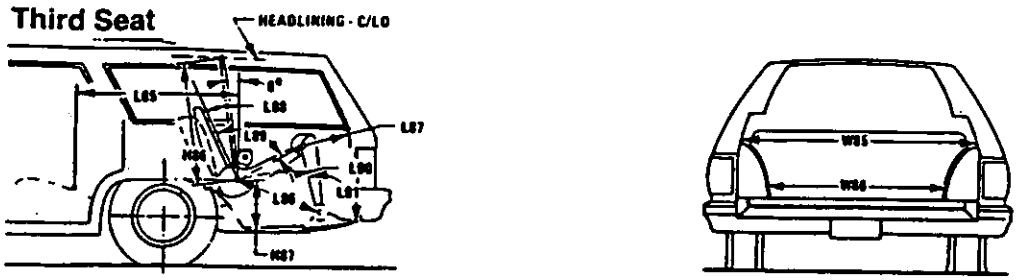




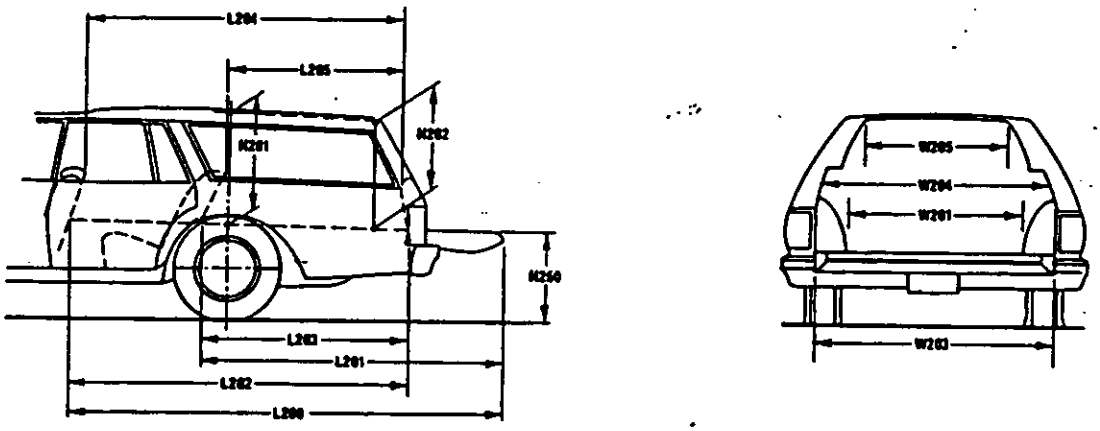




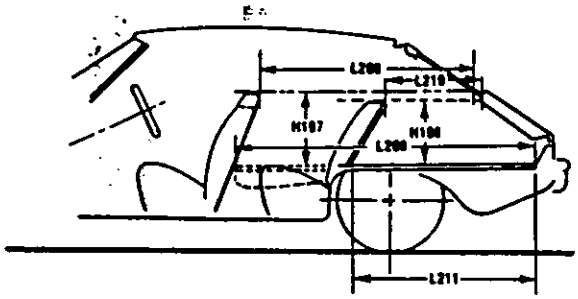
Interior Vehicle And Body Dimensions – Key Sheet



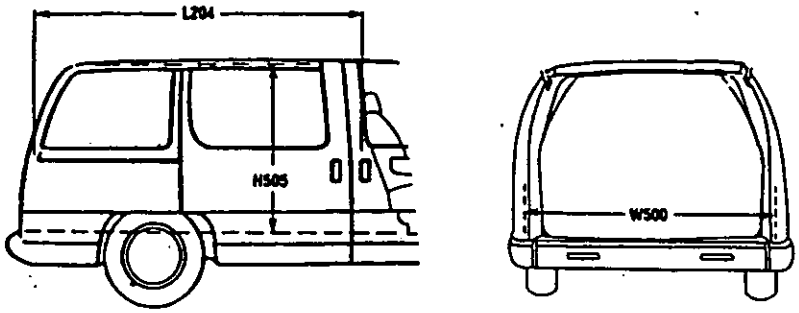
Cargo Space



Station Wagon



Hatchback



Multipurpose Vehicle

Exterior Vehicle And Body Dimensions – Key Sheet Dimensions Definitions

Seating Reference Point

SEATING REFERENCE POINT means the manufacturer's design reference point which –
(a) Establishes the rearmost normal design driving or riding position of each designated seating position in a vehicle;
(b) Has coordinates established relative to the design vehicle structure;
(c) Simulates the position of the pivot center of the human torso and thigh; and
(d) Is the reference point employed to position the two dimensional templates described in SAE Recommended Practice J826, "Devices for Use in Defining and Measuring Vehicle Seating Accommodations,".

Width Dimensions

W101 TREAD – FRONT. The dimension measured between the tire centerlines at the ground.

W102 TREAD – REAR. The dimension measured between the tire centerlines at the ground. In case of dual wheels, the dimension will be measured to the centerline of tire and wheel assemblies.

W103 VEHICLE WIDTH. The maximum dimension measured between the widest point on the vehicle, excluding exterior mirrors, flexible mud flaps, marker lamps, but including bumpers, moldings, sheet metal protrusions or dual wheels, if standard equipment.

W117 BODY WIDTH AT SgRP – FRONT. The dimension measured laterally between the widest points on the body at the SgRP-front, excluding door handles, applied moldings, or appliques.

W120 VEHICLE WIDTH – FRONT DOORS OPEN. The dimension measured between the widest point on the front doors in maximum hold-open position.

W121 VEHICLE WIDTH – REAR DOORS OPEN. The dimension measured between the widest point on the rear doors in maximum hold-open position. For vehicles with a rear door on only one side, this dimension is to the zero "Y" plane.

W122 TUMBLE – HOME. STRAIGHT SIDE GLASS. The angle measured from a vertical to the outside surface of the front door glass at the SgRP "X" plane.
CURVED SIDE GLASS. The angle measured from a vertical to a chord extending from the upper DLO to the lower DLO at the outside surface of the front door glass at the front SgRP "X" plane.

W410 OUTSIDE MIRROR WIDTH: The dimension between the widest point on the outside mirrors. The standard right and left mirror adjusted for normal driving will be shown unless otherwise noted. When only one outside mirror is standard, the dimension will be to the zero "Y" plane.

Length Dimensions

L101 WHEELBASE (WB). The dimension measured longitudinally between front and rear wheel centerlines. In case of dual rear axles, the dimension shall be to the midpoint of the centerlines of the rear wheels.

L103 VEHICLE LENGTH. The maximum dimension measured longitudinally between the foremost point and the rearmost point on the vehicle, including bumper, bumper guards, tow hooks and/or rub strips, if standard equipment.

L104 OVERHAND – FRONT. The dimension measured longitudinally from the centerline of the front wheels to the foremost point on the vehicle including bumper, bumper guards, tow hooks and/or rub strips, if standard equipment.

L105 OVERHANG – REAR. The dimension measured longitudinally from the centerline of the rear wheels; or in the case of dual rear axles, the dimension shall be the midpoint of the centerlines of the rear wheels, to the rearmost point on the vehicle including rear bumpers, bumper guards, tow hooks and rub strips, if standard equipment.

L123 UPPER STRUCTURE LENGTH. The dimension measured longitudinally from the cowl point to the deck point.

L127 REAR WHEEL CENTERLINE "X" COORDINATE or in the case of dual rear axles, the coordinate shall be the midpoint of the distance between the rear axle centerlines.

Height Dimensions

H101 VEHICLE HEIGHT. The dimension measured vertically from the highest point on the vehicle body to ground.

H111 ROCKER PANEL – REAR TO GROUND. The dimension measured vertically from the bottom of the rocker or side quarter panel at the front of the rear wheel opening, excluding flanges, to ground.

H112 ROCKER PANEL – FRONT TO GROUND. The dimension measured vertically from the foremost point on the bottom of the rocker panels, excluding flanges, to ground.

H114 COWL POINT TO GROUND. Measured at zero "Y" plane.

H121 BACKLIGHT SLOPE ANGLE. The angle between the vertical reference line and the surface of backlight at vehicle zero "Y" plane. For curve backlight, the angle is to chord of backlight arc from lower DLO to upper DLO.

H122 WINDSHIELD SLOPE ANGLE. The angle between the vertical reference line and a chord of the windshield arc running from the lower DLO to the upper DLO at the vehicle zero "Y" plane. In the case of wrap over glass, the angle to be measured will be formed by a chord 457 mm (18.0 in.) long drawn from the lower DLO to the intersecting point on the windshield.

H138 DECK POINT TO GROUND. Measured at zero "Y" plane.

H109 STATIC LOAD – TIRE RADIUS – REAR. Specified by the manufacturer in accordance with composite TIRE SECTION STANDARD.

Ground Clearance Dimensions

H102 FRONT BUMPER TO GROUND. The minimum dimension measured vertically from the lowest point on the front bumper to ground, including bumper guards, if standard equipment.

H103 FRONT BUMPER TO GROUND – CURB MASS (WT.). Measured in the same manner as H102.

H104 REAR BUMPER TO GROUND. The minimum dimension measured vertically from the lowest point on the rear bumper to ground, including bumper guards, if standard equipment.

H105 REAR BUMPER TO GROUND – CURB MASS (WT.). Measured in the same manner as H104.

H106 ANGLE OF APPROACH. The angle measured between a line tangent to the front tire static loaded radius arc and the initial point of structural interference forward of the front tire to ground. The limiting structural component shall be designated.

H107 ANGLE OF DEPARTURE. The angle measured between a line tangent to the rear tire static loaded radius arc and the initial point of structural interference rearward of the rear tire to ground. The limiting component shall be designated.

H147 RAMP BREAKOVER ANGLE. The angle measured between two lines tangent to the front and rear tire static loaded radius and intersecting at a point on the underside of the vehicle which defines the largest ramp over which the vehicle can roll.

H153 REAR AXLE DIFFERENTIAL TO GROUND. The minimum dimension measured from the rear axle differential to ground.

H156 MINIMUM RUNNING GROUND CLEARANCE. The minimum dimension measured from the sprung vehicle to ground. Specify location.

MVMA Specifications

METRIC (U.S. Customary)

Interior Vehicle And Body Dimensions – Key Sheet Dimensions Definitions

Glass Areas

S1 Windshield area.
S2 Side windows area. Includes the front door, rear door, vents, and rear quarter windows on both sides of the vehicle.
S3 Backlight areas.
S4 Total area. Total of all areas (S1 + S2 + S3).

Fiducial Mark Dimensions

Fiducial Mark – Number 1

L54 "X" coordinate.
W21 "Y" coordinate.
H81 "Z" coordinate.
H161 Height "Z" coordinate to ground at curb weight.
H163 Height "Z" coordinate to ground.

Fiducial Mark – Number 2

L55 "X" coordinate.
W22 "Y" coordinate.
W82 "Z" coordinate.
H162 Height "Z" coordinate to ground at curb weight.
H164 Height "Z" coordinate to ground.

Front Compartment Dimensions

L11 ACCELERATOR HEEL POINT TO STEERING WHEEL CENTER. The dimension measured horizontally from the AHP to the intersection of the steering column centerline and a plane tangent to the upper surface of the steering wheel rim.

L17 DESIGN H-POINT – FRONT TRAVEL. The dimension measured horizontally between the design H-point – front in the foremost and rearmost seat track positions. (See SAE J1100)

L23 NORMAL DRIVING AND RIDING SEAT TRACK TRAVEL. The dimension measured horizontally between a point on the design H-point travel line from the SgRP to the displaced point on the design H-point travel line with the seat moved to the foremost seat position, but not to include seat track travel used for purposes other than normal driving and riding positions. (See SAE J1100).

L31 SgRP – FRONT. "X" COORDINATED.

L34 MAXIMUM EFFECTIVE LEG ROOM – ACCELERATOR. The dimension measured along a line from the ankle pivot center to the SgRP – front plus 254 mm (10.0 in.) measured with right foot on the undepressed accelerator pedal. For vehicles with SgRP to heel (H30) greater than 18 in., the accelerator pedal may be depressed as specified by the manufacturer. If the accelerator is depressed, the manufacturer shall place foot flat on pedal and note the depression of the pedal.

L-40 BACK ANGLE – FRONT. The angle measured between a vertical line through the SgRP – front and the torso line. If the seatback is adjustable, use the normal driving and riding position specified by the manufacturer.

L-42 HIP ANGLE – FRONT. The angle measured between torso line and thigh centerline.

L44 KNEE ANGLE – FRONT. The angle measured between thigh centerline and lower leg centerline measured on the right leg.

L46 FOOT ANGLE – FRONT. The angle measured between the lower leg centerline and a line tangent to the ball and heel of the bare foot flesh line measured on the right leg. Ref SAE J826.

L53 SgRP – FRONT TO HEEL. The dimension measured horizontally from the SgRP – front to the accelerator heel point.

W3 SHOULDER ROOM – FRONT. The minimum dimension measured laterally between the trimmed surfaces on the "X" plane through the SgRP – front at height between the belt line and 254 mm (10.0 in.) above the SgRP – front, excluding the door assist strap and attaching parts.

W5 HIP ROOM – FRONT. The minimum dimension measured laterally between the trimmed surfaces on the "X" plane through the SgRP – front within 25 mm (1.0 in.) below and 76 mm (3.0 in.) above the SgRP – front and 76 mm (3.0 in.) fore and aft of the SgRP – front.

W9 STEERING WHEEL MAXIMUM OUTSIDE DIAMETER. Define if other than round.

H7 ACCELERATOR HEEL POINT TO THE STEERING WHEEL CENTER. The dimension measured vertically from the AHP – front to the intersection of the steering column centerline to a plane tangent to the upper surface of the steering wheel rim.

H18 STEERING WHEEL ANGLE. The angle measured from a vertical to the surface plane of the steering wheel.

H30 SgRP – FRONT TO HEEL. The dimension measured vertically from the SgRP – front to the accelerator heel point.

H50 UPPER BODY OPENING TO GROUND – FRONT. The dimension measured vertically from the trimmed body opening to the ground on the SgRP – front "X" plane.

H61 EFFECTIVE HEAD ROOM – FRONT. The dimension measured along a line 8 deg. rear of vertical from the SgRP – front to the headlining plus 102 mm (4.0in.).

H67 FLOOR COVERING THICKNESS – UNDEPRESSED – FRONT. The dimension measured vertically from the surface of the undepressed floor covering to the underbody sheet metal at the accelerator heel point.

Rear Compartment Dimensions

L-41 BACK ANGLE – SECOND. The angle measured between a vertical line through the SgRP – second and the torso line.

L43 HIP ANGLE – SECOND. The angle measured between torso line and thigh centerline.

L45 KNEE ANGLE – SECOND. The angle measured between thigh centerline and lower leg centerline.

L47 FOOT ANGLE – SECOND. The angle measured between the lower leg centerline and a line tangent to the ball and heel of the three-dimensional devices bare foot flesh line (Reference J826).

L48 KNEE CLEARANCE – SECOND. The minimum dimension measured from the knee pivot center to the back of the front seatback minus 51 mm (2.0 in.).

L50 SgRP COUPLE DISTANCE – SECOND. The dimension measured horizontally from the driver SgRP – front to the SgRP – second.

L51 MINIMUM EFFECTIVE LEG ROOM – SECOND. The dimension measured along a line from the ankle pivot center to the SgRP – second plus 254 mm (10.0 in.).

W4 SHOULDER ROOM – SECOND. The minimum dimension measured laterally between door or quarter trimmed surfaces on the "X" plane through the SgRP – second at height between 254-406 mm (10.0-16.0 in.) above the SgRP – second, excluding the door assist straps and attaching parts.

W6 HIP ROOM – SECOND. Measured in the same manner as W5.

H31 SgRP – SECOND TO HEEL. The dimension measured vertically from the SgRP – second to the two dimensional device heel point on the depressed floor covering.

H51 UPPER BODY OPENING TO GROUND – SECOND. The dimension measured vertically from the trimmed body opening to the ground on the "X" plane 330 mm (13.0 in.) forward of the SgRP – second.

H63 EFFECTIVE HEAD ROOM – SECOND. The dimension measured along a line 8 deg. rear of vertical from the SgRP to the headlining, plus 102 mm (4.0 in.).

H73 FLOOR COVERING – DEPRESSED – SECOND. The dimension measured vertically from the heel point to the underbody sheet metal.

MVMA Specifications

METRIC (U.S. Customary)

Interior Vehicle And Body Dimensions – Key Sheet Dimensions Definitions

Luggage Compartment Dimensions

V1 USABLE LUGGAGE CAPACITY – Total of volumes of individual pieces of standard luggage set plus H-boxes stowed in the luggage compartment in accordance with the procedure described in paragraph 8.2 of SAE-J1100a.

Interior Volumes (EPA Classification)

The Interior Volume Index is listed for each body style except two seaters. The Interior Volume Index estimates the space in a car. It is based on four measurements – head room, shoulder room, hip room, and leg room – for the front and rear seats, plus trunk capacity.

The Trunk/Cargo Index is an estimate of the size of the trunk/cargo space. In station wagons and hatchbacks it is an estimate of the space behind the second seat.

Station Wagon / MPV – Third Seat Dimensions

L85 SgRP COUPLE DISTANCE – THIRD. The dimension measured horizontally from the SgRP – second to the SgRP – third.

L86 EFFECTIVE LEG ROOM – THIRD. The dimension measured along a line from the ankle pivot center to the SgRP – third plus 254 mm (10.0 in.).

L87 KNEE CLEARANCE – THIRD. The minimum dimension from the knee pivot center to the back of second seatback minus a constant of 51 mm (2.0 in.). With rear-facing third seat, dimension is measured to closure.

L88 BACK ANGLE – THIRD. Measured in the same manner as L41.

L89 HIP ANGLE – THIRD. Measured in the same manner as L43.

L90 KNEE ANGLE – THIRD. Measured in the same manner as L45

L91 FOOT ANGLE – THIRD. Measured in the same manner as L47.

W85 SHOULDER ROOM – THIRD. Measured in the same manner as W4.

W86 HIP ROOM – THIRD. Measured in the same manner as W5.

H86 EFFECTIVE HEAD ROOM – THIRD. The dimension, measured along a line 8 deg. from the SgRP – third to the headlining rear of vertical plus a constant of 102 mm (4.0 in.).

H87 SgRP – THIRD TO HEEL POINT.

SD1 SEAT FACING DIRECTION – THIRD.

Station Wagon / MPV – Cargo Space Dimensions

L200 CARGO LENGTH – OPEN – FRONT. The minimum dimension measured longitudinally from the back of the front seatback at the height of the undepressed floor covering to the rearmost point on the undepressed floor covering on the open tailgate or cargo surface if the rear closure is a conventional door type tailgate at the zero "Y" plane.

L201 CARGO LENGTH – OPEN – SECOND. The dimension measured longitudinally from the back of the second seatback at the height of the undepressed floor covering to the rearmost point on the undepressed floor covering on the open tailgate or cargo floor surface if the rear closure is a conventional door type tailgate, at the zero "Y" plane.

L202 CARGO LENGTH – CLOSED – FRONT. The minimum dimension measured horizontally from the back of the front seat at the height of the undepressed floor covering to the rearmost point on the undepressed floor covering on the closed tailgate or taildoor for station wagons, trucks and mpv's at the zero "Y" plane.

L203 CARGO LENGTH – CLOSED – SECOND. The dimension measured horizontally from the back of the second seat at the height of the undepressed floor covering to the rearmost point on the undepressed floor covering on the closed tailgate or taildoor for station wagons, trucks and mpv's at the zero "Y" plane.

L204 CARGO LENGTH AT BELT – FRONT. The minimum dimension measured horizontally from the back of the front seatback at the seatback top to the foremost normal surface of the closed tailgate or inside surface of the cab backpanel at the height of the belt, on the zero "Y" plane.

L205 CARGO LENGTH AT BELT – SECOND. The minimum dimension measured horizontally from the back of the second seatback at the seatback top to the foremost normal surface of the closed tailgate at the height of the belt, on the zero "Y" plane.

W201 CARGO WIDTH – WHEELHOUSE. The minimum dimension measured laterally between the trimmed wheelhousings at floor level. For any vehicle not trimmed, measure to the sheet metal.

W203 REAR OPENING WIDTH AT FLOOR. The minimum dimension measured laterally between the limiting interferences of the rear opening at floor level.

W204 REAR OPENING WIDTH AT BELT. The minimum dimension measured laterally between the limiting interferences of the rear opening at belt height or top of pick up box.

W205 REAR OPENING WIDTH ABOVE BELT. The minimum dimension measured laterally between the limiting interferences of the rear opening above the belt height.

W500 CARGO WIDTH AT FLOOR. The maximum dimension measured laterally between the limiting interferences at the floor level. This dimension shall include ribs and pillars, but will exclude wheelhouses.

H197 FRONT SEATBACK TO LOAD FLOOR HEIGHT. The dimension measured vertically from the horizontal tangent to the top of the seatback to the undepressed floor covering.

H201 CARGO HEIGHT. The dimension measured vertically from the top of the undepressed floor covering to the headlining at the rear wheel "X" coordinate on the zero "Y" plane.

H202 REAR OPENING HEIGHT. The dimension measured vertically from the top of the undepressed floor covering to the upper trimmed opening on the zero "Y" plane with rear door fully open.

H250 TAILGATE TO GROUND CURB MASS (WT.). The dimension measured vertically from the top of the undepressed floor covering on the lowered tailgate to ground on the zero "Y" plane.

H505 MAXIMUM CARGO HEIGHT. The maximum vertical dimension rear of the front seat from the cargo floor to roof bow or headlining at the zero "Y" plane.

Interior Vehicle And Body Dimensions – Key Sheet
Dimensions Definitions

V2 STATION WAGON
Measured in inches:

$$\frac{W4 \times H201 \times L204}{1728} = ft^3$$

Measured in mm:

$$\frac{W4 \times H201 \times L204}{10^9} = m^3 \text{ (cubic meter)}$$

V4 HIDDEN LUGGAGE CAPACITY – REAR OF FRONT SEAT. The total volumes of individual pieces of one set of standard luggage stowed in any hidden cargo area below the load floor rear of the front seat.

V5 TRUCKS AND MPV'S WITH OPEN AREA.
Measured in inches:

$$\frac{L506 \times W505 \times H503}{1728} = ft^3$$

Measured in mm:

$$\frac{L506 \times W500 \times H503}{10^9} = m^3 \text{ (cubic meter)}$$

V6 TRUCKS AND MPV'S WITH CLOSED AREA.
Measured in inches:

$$\frac{L204 \times W500 \times H505}{1728} = ft^3$$

Measured in mm:

$$\frac{L204 \times W500 \times H505}{10^9} = m^3 \text{ (cubic meter)}$$

V8 HIDDEN LUGGAGE CAPACITY – REAR OF SECOND SEAT. The total volume of individual pieces of one set of standard luggage stowed in any hidden cargo area below the load floor rear of the second seat.

V10 STATION WAGON CARGO VOLUME INDEX.
Measured in inches:

$$\frac{H201 \times L205 \times \frac{W4 + W201}{2}}{1728} = ft^3$$

Measured in mm:

$$\frac{H201 \times L205 \times \frac{W4 + W201}{2}}{10^9} = m^3 \text{ (cubic meter)}$$

Hatchback – Cargo Space Dimensions
All hatchback cargo dimensions are to be taken with the front seat in full down and rear position, and the rear seat folded down. The hatchback door is in the closed position. (For electronically adjusted seats, see the manufacturer's specifications for Design "H" Point).

L208 CARGO LENGTH AT FRONT SEATBACK HEIGHT. The minimum horizontal dimension from the "X" plane tangent to the rearmost surface of the driver's seatback to the inside limiting interference of the hatchback door on the vehicle zero "Y" plane.

L209 CARGO LENGTH AT FLOOR – FRONT. The minimum horizontal dimension measured at floor level from the rear of the front seatback to the normal limiting interference of the hatchback door on the vehicle zero "Y" plane.

L210 CARGO LENGTH AT SECOND SEATBACK HEIGHT. The minimum dimension measured from the "X" plane tangent to the rearmost surface of second seatback or the load floor which is stowed at least one half of the H198 dimension height above the rear load floor, to the rearmost inside limiting interference on the zero "X" plane.

L211 CARGO LENGTH AT FLOOR – SECOND SEATBACK. The minimum horizontal dimension measured at floor level from the rear of the second seatback or load floor panel to the normal limiting interference of the hatchback door on the vehicle zero "Y" plane.

H197 FRONT SEATBACK TO LOAD HEIGHT. The dimension measured vertically from the horizontal tangent to the top of the seatback to the undepressed floor covering.

H198 SECOND SEATBACK TO LOAD FLOOR HEIGHT: The dimension measured vertically from the second seatback to the undepressed floor covering.

V3 HATCHBACK.
Measured in inches:

$$\frac{\frac{L208 + L209}{2} \times W4 \times H197}{1728} = ft^3$$

Measured in mm:

$$\frac{\frac{L208 + L209}{2} \times W4 \times H197}{10^9} = m^3 \text{ (cubic meter)}$$

V4 HIDDEN LUGGAGE CAPACITY – REAR OF FRONT SEAT. The total volumes of individual pieces of one set of standard luggage stowed in any hidden cargo area below the load floor rear of the front seat.

V11 HATCHBACK CARGO VOLUME INDEX. Usable luggage (one (1) stand and luggage set) below floor:
Measured in inches:

$$\frac{\frac{L210 + L211}{2} \times W4 \times H198}{1728} = ft^3$$

Measured in mm:

$$\frac{\frac{L210 + L211}{2} \times W4 \times H198}{10^9} = m^3 \text{ (cubic meter)}$$

MVMA Specifications

METRIC (U.S. Customary)

Index